

July 9, 2019

DVP-190013

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 2nd Quarter, Quarterly Emission Report for 2019.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 2nd Quarter, Quarterly Emissions Report for 2019 for Desert View Power
  - Emissions summary reports for each permitted pollutant for our two boilers.
  - Excess emissions reports from each of our two CEMS.

This report covers the period from April 01, 2019 to June 30, 2019. 1If you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

James Russell Huffman

Vice President of CA operations / Plant Manager



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encl

cc:

Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Director, Air Management Division

Attention: Air-5

U.S. Environmental Protection Agency

75 Hawthorne Street

San Francisco, CA 94105-3901

# EMISSIONS SUMMARIES

# BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

 $NOx\;ppm$ 

SOx Ib/MMBtu .

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786 hr Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - a. Startup/Shutdown:

0.0 hr

b. Control equipment problems:

0.0 hr

c. Process problems: 0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

0.0 hr

Total duration of excess emissions: 2.

0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% 2

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: a.

0.0 hr

- Non-monitor equipment malfunction: b.
- 0.0 hr 0.0 hr
- Quality assurance calibration: d. Other known causes:

Unknown causes: e.

27.0 hr 0.0 hr

Total CMS downtime:

2.

C.

- 27.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.51%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
  - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O2.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup>

Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:

0.0 hr b. Control equipment problems: 0.0 hr

Process problems:

0.0 hr

Other known problems:

0.0 hr

Unknown problems:

0.0 hr

2. Total duration of excess emissions:

0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

### CMS Performance Summary<sup>1</sup>

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: 0.0 hr

Non-monitor equipment malfunction: b. 0.0 hr c.

Quality assurance calibration: d. Other known causes:

0.0 hr 27.0 hr

Unknown causes:

0.0 hr

2. Total CMS downtime:

- 27.0 hr (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.51% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup>

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
			- / (1) 41 -				· · ·		

a.	Startup,	/Shutdown:		0.0	hr
b.	Control	equipment	<pre>problems:</pre>	0.0	hr
c.	Process	problems:		0.0	hr

- d. Other known problems: 0.0 hr
- e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr
- Total duration of excess emissions: 0.0 nr
   Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hr
- b. Non-monitor equipment malfunction: 0.0 hr
- c. Quality assurance calibration: 0.0 hr d. Other known causes: 16.0 hr
- d. Other known causes: 16.0 hr
- e. Unknown causes:

  2. Total CMS downtime:

  0.0 hr
  16.0 hr
- Total CMS downtime: 16.0 hr
   (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.90% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant:  $NO_x$ 

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:
  - $0.0 \, \mathrm{hr}$ Control equipment problems: b.
  - 0.0 hr C. Process problems:
  - 0.0 hr Other known problems:
  - 0.0 hr Unknown problems:
- 0.0 hr Total duration of excess emissions: 2.
- 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.05% 2

CMS Performance Summary<sup>1</sup>

- CMS downtime in reporting period due to: 1.
  - Monitor equipment malfunction:  $0.0 \, \mathrm{hr}$
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - Other known causes: d. 14.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 14.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.78%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NOx

Emissions limitation(s): 94 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

CAI

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup>

1.	Dura	tion	ΟÍ	excess	emis	ssions	in	reporting	period	due	to:
	a.	Sta	rtuŗ	p/Shutdo	own:				0.0 hr		
	b.	Cont	ro	l equipr	nent	proble	-mc	•	0.0 hr		

b. Control equipment problems:

c. Process problems:

d. Other known problems:

0.0 hr

d. Other known problems: 0.0 hr
e. Unknown problems: 0.0 hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 27.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 27.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =1.51% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786 hr or

107,160 minutes

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:

0 min

- Control equipment problems:
- 0 min

c. Process problems:

0 min

Other known problems:

0 min

Unknown problems:

0 min

2.

- Total duration of excess emissions: 3.
- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: b.
- 0 min
- Non-monitor equipment malfunction: Quality assurance calibration: c.
- 0 min

d. Other known causes:

0 min 5070 min

Unknown causes:

0 min

Total CMS downtime:

2.

- (Total CMS downtime) / (Total source operating time) x5070 min 3. (100%) = % of Total source operating time = 4.7312%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant:  $SO_x$ 

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup> 1.

Duration of excess emissions in reporting period due to: a. Startup/Shutdown:  $0.0 \, \mathrm{hr}$ b. Control equipment problems: 0.0 hr c. Process problems:  $0.0 \, \mathrm{hr}$ d. Other known problems: 0.0 hr Unknown problems:

0.0 hr Total duration of excess emissions: 2. 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

#### CMS Performance Summary<sup>1</sup>

- CMS downtime in reporting period due to: 1.
  - a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 17.0 hr e. Unknown causes:
- 0.0 hr Total CMS downtime: 17.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.95% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant:  $SO_{x}$ 

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:
  - $0.0 \, \mathrm{hr}$
  - Control equipment problems:
- 0.0 hr

c. Process problems: d.

0.0 hr

Other known problems:

0.0 hr

Unknown problems: 2.

- $0.0 \, \mathrm{hr}$
- Total duration of excess emissions:

- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

- CMS downtime in reporting period due to: 1.
  - Monitor equipment malfunction: b.
  - 0.0 hr Non-monitor equipment malfunction: 0.0 hr c. 0.0 hr
  - Quality assurance calibration: d.
  - Other known causes:

14.0 hr

Unknown causes: 2. Total CMS downtime:

- 0.0 hr
- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 0.78% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO.

Emissions limitation(s): 27 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summaryl

-		ary-
⊥.	Duration of excess emissions in r	reporting period due to:
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emission	0.0 nr
	recer derector or excess emission	ıs: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: a. 0.0 hr b. Non-monitor equipment malfunction:
  - 0.0 hr Quality assurance calibration: C.  $0.0 \, \mathrm{hr}$
  - Other known causes: d.
  - 17.0 hr
- Unknown causes: e. 0.0 hr
- Total CMS downtime: 17.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.95% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

# EMISSIONS SUMMARIES

## BOILER #2

CO Ib/hr

CO ppm

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

2.

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr
Emission Summary<sup>1</sup>

1.	Duration	of	excess	emissions	in	reporting	period	due	to.

a. Startup/Shutdown: 0.0 hr

b. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr

e. Unknown problems: 0.0 hr
Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

### 1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 31.0 hr

e. Unknown causes: 0.0 hr

2. Total CMS downtime: 31.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.73% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary<sup>1</sup>

1	ъ				THIT S S T O !!	Sun	marv <sup>ı</sup>			
⊥.	Dura	tion	Ωf	PYCASS	Omiggian		reporting			
			O T	CACCOS	GIIITZZZTOUZ	ın	reporting	noriad	al	
	a.	Star	^†11r	)/Shutdo	otin .		- opor cring	berrod	aue	to:
		~ ~ ~ ~	u	<i>,,</i> on a cut	JWII *		,	`		

Startup/Shutdown: 0.0 hr b.

Control equipment problems: 0.0 hr Process problems: c. 0.0 hr

Other known problems:

0.0 hr Unknown problems: 0.0 hr

Total duration of excess emissions: 2. Total duration of excess emissions / Total source operating 0.0 hr 3. time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction:  $0.0 \, \mathrm{hr}$ 

Non-monitor equipment malfunction: b.  $0.0 \, \mathrm{hr}$ 

Quality assurance calibration: C. 0.0 hr d.

Other known causes: 34.0 hr e. Unknown causes:

0.0 hr 2. Total CMS downtime: 34.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.90% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NOx

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CA

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summarv<sup>1</sup>

7	D:::::::::::::::::::::::::::::::::::::	~ +			4			1	
_L .	Duracton	OL	excess	emissions	าท	reporting	period	alle	TO:
				011111111111111111111111111111111111111		T OP OT CITIG	PCTTCG	auc	co.

		-	<i>J</i> 1	
a.	Startup/Shutdown:		0.0	hr
b.	Control equipment problems:		0.0	hr
c.	Process problems:		0.0	hr
d.	Other known problems:		0.0	hr
e.	Unknown problems:		0.0	hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a.	Monitor equipment malfunction:	0.0	hr
b.	Non-monitor equipment malfunction:	0.0	hr
C.	Quality assurance calibration:	0.0	hr
d.	Other known causes:	22.0	hr
e.	Unknown causes:	0.0	hr
Tota	l CMS downtime:	22 0	hr

2. Total CMS downtime: 22.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.23% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NOx

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

### Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:

0.0 hr0.0 hr

- Control equipment problems:
- 0.0 hr

Process problems: Other known problems:

0.0 hr

Unknown problems:

0.0 hr

2.

- Total duration of excess emissions: 3.
- 0.0 hr Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: Non-monitor equipment malfunction: b.
    - 0.0 hr 0.0 hr
  - Quality assurance calibration: c. d. Other known causes:
- 0.0 hr

Unknown causes:

16.0 hr

 $0.0 \, \mathrm{hr}$ 

2. Total CMS downtime:

- 16.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.89% 2
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @  $3\% O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary<sup>1</sup>

1.	Duration	of	excess	emissions	in	reporting	period	due	to:

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  0.0 hr

  0.0 hr
- e. Unknown problems:

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
  3. Total duration of excess emissions / Total source or
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hrd. Other known causes: 22.0 hr
- e. Unknown causes:

  0.0 hr
- 2. Total CMS downtime: 22.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.23% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019 Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330 Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr or 107,640 minutes

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown: b.

- 0 min 0 min
- Control equipment problems: Process problems: C.

d.

0 min

Other known problems: Unknown problems:

0 min

- 0 min
- Total duration of excess emissions: 2.
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

### CMS Performance Summary<sup>1</sup>

- CMS downtime in reporting period due to: 1. Monitor equipment malfunction: a.
- 0 min
- Non-monitor equipment malfunction: b.
- 0 min
- Quality assurance calibration: c. d.
- 0 min

Other known causes: Unknown causes:

5070 min

0 min

Total CMS downtime:

- 5070 min (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 4.7101% 2
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary<sup>1</sup>

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	- 0+		/ (2)   1						

a. Startup/Shutdown: 0.0 hrb. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 23.0 hr

e. Unknown causes: 0.0 hr

2. Total CMS downtime: 23.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.28% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary<sup>1</sup>

1	D		_			Sun	umarv <sup>1</sup>			
⊥.	Dura	tion	Οİ	excess	emissions	1 20				
	~	0+-		/	CHITSSTOILS	T11	mary reporting	period	dua	+ ~ •
	a.	Stai	îtur	)/Shutdo	7M77 •		19	POLICA	aue	LO:

Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr C. Process problems: 0.0 hr d. Other known problems: 0.0 hrUnknown problems: 0.0 hr

Total duration of excess emissions: 2. Total duration of excess emissions / Total source operating 0.0 hrtime x 100% = % of Total source operating time = 0.0% 2

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b.
  - 0.0 hr Quality assurance calibration: c. 0.0 hr
  - d. Other known causes:
- 17.0 hr Unknown causes:  $0.0 \, \mathrm{hr}$ Total CMS downtime: 17.0 hr
- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 0.95% 2
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SOx

Emissions limitation(s): 27 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary<sup>1</sup>

_									
7	Duration	$\sim$ f	0370000	omiooiona	÷ ~	20 C 20 C 20 + 1 10 C		_1	
⊥ .	Dulation	$O_{T}$	excess	emissions	$\pm 11$	reporting	perioa	aue	T.O.:
			_			I	1		

- a. Startup/Shutdown:b. Control equipment problems:c. Process problems:0.0 hr0.0 hr
- d. Other known problems: 0.0 hr
- e. Unknown problems: 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 23.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 23.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.28% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

### EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
NOx ppm @3% O2	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
NOx ppm @3% O2	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
NOx ppm @3% O2	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
NOx ppm @3% O2	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
NOx ppm @3% O2	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

42 hours

Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Posses	
NOx lb/mmBtu NOx lb/mmBtu NOx lb/mmBtu NOx lb/mmBtu NOx lb/mmBtu NOx lb/mmBtu	4/23/2019 6:00 PM 4/27/2019 12:00 PM 5/10/2019 2:00 PM 5/11/2019 12:00 AM 5/13/2019 5:00 AM 5/24/2019 7:00 AM	11:59 PM 12:59 PM 11:59 PM 2:59 PM 7:59 AM 9:59 AM	6 hours 1 hour 10 hours 15 hours 3 hours	Reason Startup Shutdown Startup Startup Startup Startup	Startup completed Shutdown completed Startup completed Startup completed Startup completed Startup completed
NOx lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	3 hours 2 hours	CEM taken out of service for CGA testing. Communication error.	CGA testing completed, CEM back in service. Rebooted CeDar computer,
NOx lb/mmBtu	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	communication re-established Maintenance complete, CEM back in service.
	Total duration		42 hours		

# Colmac Energy NOx lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/23/2019 6:00 PM	7:59 PM	2 hours	Startup	Startup completed
NOx lb/hr	4/29/2019 6:00 PM	9:59 PM	4 hours	Lost communication	Communitcation restored
NOx lb/hr	5/10/2019 2:00 PM	2:59 PM	1 hour	Startup	Startup completed
NOx lb/hr	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx lb/hr	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	6/23/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Page 172019 thru 6/30/2019	
SO2 ppm @3% O2 SO2 ppm @3% O2	4/23/2019 6:00 PM 4/27/2019 12:00 PM 5/10/2019 2:00 PM 5/11/2019 12:00 AM 5/13/2019 5:00 AM 5/24/2019 7:00 AM	11:59 PM 12:59 PM 11:59 PM 2:59 PM 7:59 AM 9:59 AM	6 hours 1 hour 10 hours 15 hours 3 hours	Reason Startup Shutdown Startup Startup Startup Startup	Action  Startup completed Shutdown completed Startup completed Startup completed Startup completed
SO2 ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	3 hours 2 hours	CEM taken out of service for CGA testing. Communication error.	CGA testing completed, CEM back in service. Rebooted CeDar computer,
SO2 ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	communication re-established Maintenance complete, CEM back in service.
To	tal duration		42 hours		

42 hours

### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
SO2 lb/mmBtu	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
SO2 lb/mmBtu	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
SO2 lb/mmBtu	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
SO2 lb/mmBtu	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
SO2 lb/mmBtu	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
SO2 lb/mmBtu	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

42 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	December	
SO2 lb/hr	4/23/2019 6:00 PM	7.50 514		Reason	Action
SO2 lb/hr		7:59 PM	2 hours	Startup	Startup completed
SO2 lb/hr	4/29/2019 6:00 PM	9:59 PM	4 hours	Lost communication	Communitication restored
SO2 lb/hr	5/10/2019 2:00 PM	2:59 PM	1 hour	Startup	
302 ID/NF	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for	Startup completed
SO2 lb/hr	5/24/2019 10:00 AM	11:59 AM		CGA testing.	CGA testing completed, CEM back in service.
			2 hours	Communication error.	Rebooted CeDar computer,
SO2 lb/hr	5/30/2019 11:00 AM	12:59 PM	2 hours	0514	communication re-established
SO2 lb/hr	6/23/2019 7:00 AM	7:59 AM		CEM out of service for maintenance.	Maintenance complete, CEM back in service.
			1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		15 hours		

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
CO ppm @3% O2	4/24/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
CO ppm @3% O2	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
CO ppm @3% O2	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
CO ppm @3% O2	5/11/2019 9:00 PM	11:59 PM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/12/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/12/2019 6:00 AM	7:59 AM	2 hours	Startup	Startup completed
CO ppm @3% O2	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/13/2019 10:00 AM	11:59 AM	2 hours	Startup	Startup completed
CO ppm @3% O2	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
CO ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
CO ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

55 hours

Colmac Energy CO lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	4/23/2019 6:00 PM	7:59 PM			Action
CO lb/hr	4/24/2019 12:00 AM	2:59 AM	2 hours	Startup	Startup completed
CO lb/hr	4/29/2019 6:00 PM		3 hours	Startup	Startup completed
CO lb/hr		9:59 PM	4 hours	Lost communication	Communitcation restored
CO lb/hr	5/10/2019 2:00 PM	2:59 PM	1 hour	Startup	Startup completed
CO lb/hr	5/11/2019 9:00 PM	11:59 PM	3 hours	Startup	Startup completed
	5/12/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
CO lb/hr	5/12/2019 6:00 AM	7:59 AM	2 hours	Startup	•
CO lb/hr	5/13/2019 10:00 AM	11:59 AM	2 hours	Startup	Startup completed
CO lb/hr	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for	Startup completed
CO lb/hr	5/24/2019 10:00 AM	44.50.44		CGA testing.	CGA testing completed, CEM back in service.
0 10/111	3/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer,
CO lb/hr	5/30/2019 11:00 AM	12:59 PM	0.6		communication re-established.
	5.15.2515 11.05 AW	12.00 F W	2 hours	CEM out of service for	Maintenance complete, CEM
CO lb/hr	6/23/2019 7:00 AM	7:59 AM	4 have	maintenance.	back in service.
		7.00 AIVI	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		28 hours		

28 hours

### EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed
NOx ppm @3% O2	4/27/2019 1:00 PM	1:59 PM	1 hour	Startup	Startup completed
NOx ppm @3% O2	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored
NOx ppm @3% O2	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
NOx ppm @3% O2	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed
NOx ppm @3% O2	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
NOx ppm @3% O2	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
NOx ppm @3% O2	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
NOx ppm @3% O2	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx ppm @3% O2	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	6/2/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

49 hours

# Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	Ib/mmBtu CEMS			
NOx lb/mmBtu	4/2/2019 10:00 AM	10.50 414	Duration	Reason	Action
NOx lb/mmBtu	4/11/2019 6:00 AM	10:59 AM 6:59 AM	1 hour 1 hour	CEM out of service for maintenance. CEM out of service for	Maintenance complete, CEM back in service.
NOx lb/mmBtu	4/16/2019 9:00 AM 4/27/2019 1:00 PM 4/29/2019 6:00 PM 4/30/2019 1:00 PM 5/6/2019 11:00 AM 5/16/2019 10:00 PM 5/17/2019 12:00 AM 5/18/2019 12:00 AM 5/24/2019 7:00 AM	2:59 PM 1:59 PM 8:59 PM 2:59 PM 11:59 AM 11:59 PM 11:59 PM 12:59 AM 7:59 AM	6 hours 1 hour 3 hours 2 hours 1 hour 2 hours 24 hours 1 hour	maintenance. Startup Startup Lost communication Startup Shutdown Startup Startup Startup Startup Startup Startup	Maintenance complete, CEM back in service. Startup completed Startup completed Communitication restored Startup completed Shutdown completed Startup completed Startup completed Startup completed Startup completed Startup completed
NOx lb/mmBtu	5/24/2019 9:00 AM	9:59 AM	1 hour 1 hour	CEM taken out of service for CGA testing. CEM taken out of service for	CGA testing completed, CEM back in service.
NOx Ib/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	CGA testing. Communication error.	CGA testing completed, CEM back in service. Rebooted CeDar computer,
NOx lb/mmBtu	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for	communication re-established
IOx lb/mmBtu	6/2/2019 6:00 AM	6:59 AM	1 hour	maintenance. CEM out of service for	Maintenance complete, CEM back in service.
IOx lb/mmBtu	6/22/2019 8:00 AM	8:59 AM	1 hour	maintenance.  CEM out of service for maintenance.	Maintenance completed, CEM back in service.  Maintenance complete, CEM back in service.
Т	otal duration		49 hours		

# Colmac Energy NOx Ib/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	4/16/2019 9:00 AM	9:59 AM	1 hour	Startup	Startup completed
NOx lb/hr	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitication restored
NOx lb/hr	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
NOx lb/hr	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
NOx lb/hr	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
NOx lb/hr	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx lb/hr	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx lb/hr	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	6/22/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration 42 hours

# Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	1/2019 thru 6/30/2019  Reason	A - 4:
SO2 ppm @3% O2	4/2/2019 10:00 AM	10:59 AM			Action
		10.03 AW	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 ppm @3% O2	4/11/2019 6:00 AM	6:59 AM	1 hour	maintenance.	back in service.
				CEM out of service for maintenance.	Maintenance complete, CEM
SO2 ppm @3% O2	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	back in service.
SO2 ppm @3% O2	4/27/2019 1:00 PM	1:59 PM	1 hour	Startup	Startup completed
SO2 ppm @3% O2	4/29/2019 6:00 PM	8:59 PM	3 hours	•	Startup completed
SO2 ppm @3% O2	4/30/2019 1:00 PM	2:59 PM	2 hours	Lost communication	Communitcation restored
SO2 ppm @3% O2	5/6/2019 11:00 AM	11:59 AM	1 hour	Startup	Startup completed
SO2 ppm @3% O2	5/16/2019 10:00 PM	11:59 PM	2 hours	Shutdown	Shutdown completed
SO2 ppm @3% O2	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
SO2 ppm @3% O2	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
SO2 ppm @3% O2	5/24/2019 7:00 AM	7:59 AM	1 hour	Startup	Startup completed
			i noui	CEM taken out of service for CGA testing.	CGA testing completed, CEM
SO2 ppm @3% O2	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for	back in service.
200 000 00			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CGA testing.	CGA testing completed, CEM back in service.
O2 ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	
(O2 nnm @30/ O3	<b>7</b> /2-2/2-1-2			communication crior.	Rebooted CeDar computer, communication re-established
SO2 ppm @3% O2	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for	Maintenance complete, CEM
O2 ppm @3% O2	E/20/2040 40.00 Pt 4	40 50 50		maintenance.	back in service.
55111 680 70 02	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for	Maintenance complete, CEM
O2 ppm @3% O2	6/2/2019 6:00 AM	C.EO ANA		maintenance.	back in service.
6-7-6-	0/2/2019 0.00 AIVI	6:59 AM	1 hour	CEM out of service for	Maintenance completed, CEM
6O2 ppm @3% O2	6/22/2019 8:00 AM	8:59 AM	4.5	maintenance.	back in service.
		J.JJ AIVI	1 hour	CEM out of service for	Maintenance complete, CEM
				maintenance.	back in service.
Total duration			50 hours		

50 hours

#### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed
SO2 lb/mmBtu	4/27/2019 1:00 PM	1:59 PM	1 hour	Startup	Startup completed
SO2 lb/mmBtu	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored
SO2 lb/mmBtu	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
SO2 lb/mmBtu	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed
SO2 lb/mmBtu	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
SO2 lb/mmBtu	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
SO2 lb/mmBtu	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
SO2 lb/mmBtu	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
SO2 lb/mmBtu	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	6/2/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

50 hours

# Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Dwntime for 4/1/201		
SO2 lb/hr	4/2/2019 10:00 AM	10.50 444		Reason	Action
	472720 13 10:00 AIVI	10:59 AM	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	4/11/2019 6:00 AM	6:59 AM	4.1	maintenance.	back in service.
	3.2 3.33 7 1111	0.00 AIVI	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	4/16/2019 9:00 AM	9:59 AM	1 hour	maintenance.	back in service.
SO2 lb/hr	4/29/2019 6:00 PM	8:59 PM		Startup	Startup completed
SO2 lb/hr	5/16/2019 10:00 PM	11:59 PM	3 hours	Lost communication	Communitcation restored
SO2 lb/hr	5/17/2019 12:00 AM	11:59 PM	2 hours	Startup	Startup completed
SO2 lb/hr	5/18/2019 12:00 AM	12:59 AM	24 hours	Startup	Startup completed
SO2 lb/hr	5/24/2019 7:00 AM	7:59 AM	1 hour	Startup	Startup completed
		7.00 AW	1 hour	CEM taken out of service for	CGA testing completed, CEM
SO2 lb/hr	5/24/2019 9:00 AM	9:59 AM	1 hour	CGA testing.	back in service.
			i noui	CEM taken out of service for CGA testing.	CGA testing completed, CEM
SO2 lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours		back in service.
SO2 lb/hr	5/00/100		_ 110013	Communication error.	Rebooted CeDar computer,
302 ID/III	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for	communication re-established
302 lb/hr	5/20/2040 40 00 Day			maintenance.	Maintenance complete, CEM back in service.
	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	6/22/2019 8:00 AM	9.50 444		maintenance.	back in service.
	3/22/2019 8:00 AIVI	8:59 AM	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	6/22/2019 11:00 AM	1:59 PM	0.1	maintenance.	back in service.
		1.00 1 101	3 hours	CEM out of service for	Maintenance complete, CEM
	-			maintenance.	back in service.
	Total duration		43 hours		

43 hours

#### Colmac Energy CO ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed
CO ppm @3% O2	4/16/2019 4:00 PM	6:59 PM	3 hours	Startup	Startup completed
CO ppm @3% O2	4/27/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
CO ppm @3% O2	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored
CO ppm @3% O2	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
CO ppm @3% O2	4/30/2019 5:00 PM	5:59 PM	1 hour	Startup	Startup completed
CO ppm @3% O2	5/3/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed
CO ppm @3% O2	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
CO ppm @3% O2	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
CO ppm @3% O2	5/18/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
CO ppm @3% O2	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
CO ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
CO ppm @3% O2	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	6/2/2019 6:00 AM	7:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

59 hours

# Colmac Energy CO lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	
CO lb/hr	4/2/2019 10:00 AM	10:59 AM			Action
CO lb/hr	4/11/2019 6:00 AM	6:59 AM	1 hour 1 hour	CEM out of service for maintenance. CEM out of service for	Maintenance complete, CEM back in service. Maintenance complete, CEM
CO lb/hr	4/16/2019 9:00 AM 4/16/2019 4:00 PM 4/27/2019 1:00 PM 4/29/2019 6:00 PM 4/30/2019 5:00 PM 5/3/2019 9:00 AM 5/6/2019 11:00 AM 5/16/2019 10:00 PM 5/17/2019 12:00 AM 5/18/2019 12:00 AM	9:59 AM 6:59 PM 2:59 PM 8:59 PM 5:59 PM 9:59 AM 11:59 AM 11:59 PM 11:59 PM 2:59 AM	1 hour 3 hours 2 hours 3 hours 1 hour 1 hour 2 hours	maintenance. Startup Startup Startup Lost communication Startup CEM out of service for maintenance. Shutdown Startup Startup Startup Startup	back in service. Startup completed Startup completed Startup completed Communitication restored Startup completed Maintenance complete, CEM back in service. Shutdown completed Startup completed Startup completed
CO lb/hr	5/24/2019 7:00 AM	7:59 AM	3 hours 1 hour	Startup CEM taken out of service for CGA testing.	Startup completed CGA testing completed, CEM
CO lb/hr CO lb/hr	5/24/2019 9:00 AM 5/24/2019 10:00 AM	9:59 AM 11:59 AM	1 hour	CEM taken out of service for CGA testing.	back in service. CGA testing completed, CEM back in service.
CO lb/hr	5/30/2019 10:00 AM	10:59 AM	2 hours 1 hour	Communication error.  CEM out of service for	Rebooted CeDar computer, communication re-established Maintenance complete, CEM
CO lb/hr CO lb/hr	5/30/2019 12:00 PM	12:59 PM	1 hour	maintenance. CEM out of service for maintenance.	back in service.  Maintenance complete, CEM back in service.
CO lb/hr	6/2/2019 6:00 AM 6/22/2019 8:00 AM	7:59 AM 8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	6/22/2019 11:00 AM	1:59 PM	1 hour 3 hours	CEM out of service for maintenance. CEM out of service for maintenance.	Maintenance complete, CEM back in service.  Maintenance complete, CEM back in service.
,	Total duration		55 hours		

# EMISSIONS DOWNTIME REPORT STACK CEMS

#### **Boilers Stack CEMS Downtime**

Colmac Energy
Opacity % 6-Min Avg CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration		
Opacity % 6-Min Avg	4/29/2019 6:24 PM 4/29/2019 7:06 PM 4/29/2019 8:06 PM 4/29/2019 9:06 PM 5/24/2019 9:18 AM	6:59 PM 7:59 PM 8:59 PM 9:17 PM 9:59 AM	36 minutes 54 minutes 54 minutes 12 minutes 42 minutes	Reason  Lost communication  Lost communication  Lost communication  Lost communication  Communication error.	Action  Communitication restored  Communitication restored  Communitication restored  Communitication restored
Opacity % 6-Min Avg	5/24/2019 10:06 AM	10:59 AM	54 minutes	Communication error.	Rebooted CeDar computer, communication re-established
Opacity % 6-Min Avg	5/24/2019 11:06 AM	11:23 AM	18 minutes	Communication error.	Rebooted CeDar computer, communication re-established. Rebooted CeDar computer,
Opacity % 6-Min Avg	5/28/2019 1:36 PM	2:53 PM	1 hour, 18 minutes	Opacity monitor out of service for maintenance.	communication re-established
Tot	al duration		5 hours, 48 minutes		

# EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Dozomotor	Stort	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	Lilu	Duration	Value	171111	WIGA			

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

				-X0000 E	11113310113	101 4/ 1/2	บายแทน	0/30/2019	
Parameter	Start								
	Otart	⊨nd	Duration	Value	Min	Max	Limit	Bassan	
						IVIGA	LIIII	Reason	Action
Thoron and the									The state of the s

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

	<u> </u>	End	Duration	1/01.10	N Aim	Max	Limit	Reason	Action
Parameter	Start	⊨na	Duration	Value	Min	Max	Little	Neason	7(011011
1 diameter	O.G.								

Colmac Energy

NOx lbs/day Excess Emissions for 4/1/2019 thru 6/30/2019

			dy LACCSS L	11112210112 1	Or 4/1/20	J19 thru 6	5/30/201	9	
Parameter	Start							· ·	
	Otart	End	Duration	Value	Min	Max	Limit	Reason	
Th	_					max	Citill	ineason	Action
i riere are no exi	cess emissions for	this roport							

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

	•	. –							****
					1.41···	N. A	1 innit	Poscon	Action
D	Start	End	Duration	Value	Min	Max	Limit	Reason	71011011
Parameter	Start		50.000						<del></del>

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	OUZ ppii	1 @ 3 % 0 2 30	SOD RIG A	vg Excess	Emissio	ns for 4/1	/2019 th	nru 6/30/2019		
	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	
oro are no ext	cess emissions for t	nis report.								

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

								_	A - 41
Damasakan	Ctort	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	Liiu	Duration	Value	141111	Max			

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

			telling Exce	.22 FIII221	0115 101 4	H 1/2019 t	.nru 6/30	1/2019		
Parameter	Start									
	Otart	⊨nď	Duration	Value	Min	Max	1.7			
				- 0.00	141111	IVIAX	Limit	Reason	Action	
There are no exce	ce amigaiana fa	41-1- · · ·							. 1011011	

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

					h 41 .	N A	1 ::4	Dagge	Action
Davasatas	Stort	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	LIIU	Duration	Value		111.0071			

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

5		12/11/ 0 11/1	Coming Exces	22 EIIII2210	ons for 4	/1/2019 tl	hru 6/30	/2019		
Parameter	Start	End								
		L110	Duration	Value	Min	Max	Limit	Reason	A add a re	-
There are no exc	ess emissions for	this report						11000011	Action	_

# EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter Start End Duration Value Min Max Limit Reason Action									0,00,2010		
-in Building Value Will May Limit December 1	Parameter	Start	End	Dunation	17.1						
Action Action		- Clart	LIIU	Duration	value	Min	Max	Limit	Peacon	A - 4" .	
								L.11111	11005011	Action	

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

								<b>D</b>	A =4! = =
Davamatar	Stort	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	Lilu	Duration	Value	141111	WIGH		110000	

Colmac Energy NOx lbs/day Excess Emissions for 4/1/2019 thru 6/30/2019

_			,	11110010113	01 4/ 1/20	Jia intu 6	730/201	9	
Parameter	Start	End	D	17.					
		Lilu	Duration	Value	Min	Max	Limit	Reason	Λ - 4" .
Thomas								1 (Casoli	Action
i riere are no exc	ess emissions for	this roport							

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

			- 000 mg / m	vy Lacess		ns for 4/1	1/2019 tr	oru 6/30/201	Q
Parameter	Start							4 0,00,20 1	•
	Start	⊨nd	Duration	Value	Min	Max	1.200.21		
				Value	141111	iviax	Limit	Reason	Action
There are no evo	ees emissions for	46.							. 1011011

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

		SO2 lb/hr 3-Hr	Rolling Exce	Colmac Fi	norav			)/2010		
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	
There are no exc	ess emissions fo	r this report.				-		11000011	Action	

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start									
	Otall	End	Duration	Value	Min	Mari	1 1			
				Value	14111	Max	Limit	Reason	Action	
Thora are no as	cess emissions fo								7 (00/01)	
THEFE ALE TIO EX	(CASS AMISSIANS to	rthic ronart								

# EXCESS EMISSIONS REPORTS STACK CEMS

### **Boilers Stack Excess Emissions**

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Dense	——————————————————————————————————————								
Parameter	Start	End	Duration	Value	Min	Mari			
Thorage				Value	IVIIII	Max	Limit	Reason	Action
There are no ex	'Cess emissions for	this report							

# **Boilers Stack Excess Emissions**

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Dogganata										
Parameter	Start	End	Duration	Value	Min	Max	Limit			_
There are no exc	ess emissions for	r this report.				WIEX	LITTIL	Reason	Action	_